side the wings are pale greenish-yellow,, with the fore wings laved with bright pink at the base and on the inner margin. The spots of the upper side reappear on the under side as spots of silver bordered narrowly with black. The female has the ground-color of the upper side yellow, shaded outwardly with fulvous. All the dark markings of the male sex reappear in this sex, but are much broader, and tend to fuse and run into one another, so as to leave the yellow ground-color as small subquadrate or circular spots, and wholly to obliterate them at the base of the wings. On the under side this sex is marked like the male, but with all the markings broader. Expanse, 3.40-3.60 inches.

This species, the male of which resembles the male of *A. leto*, and the female the same sex of *A. diana*, is as yet quite rare in collections. It has been taken in Arizona and southern Utah. We have no knowledge of the life-history of the species.

(4) Argynnis nitocris, Edwards, Plate XIII, Fig. 4, *$*, *under side* (Nitocris).

Butterfly. —The male is bright reddish-fulvous, marked like *A. nokomis.* The under side of the fore wings is cinnamon-red, ochre-yellow at the tip. The hind wings are deep rusty-red, with a broad yellowish-red submarginal belt The silver spots are as in *A. nokomis.* The female on the upper side is blackish-brown, darker than *A. nokomis.* The extradiscal spots in the transverse rows are pale yellow, and the submarginal spots whitish. The under side of the fore wings is bright red, with the tip yellow. The hind wings on this side are dark brown, with a submarginal yellow belt. Expanse, 3.25-3.75 inches.

This species, like the preceding, is from Arizona, and nothing is known of its egg, caterpillar, or chrysalis.

(5) Argynnis leto, Edwards, Plate IX, Fig. 5, *$* ; Fig. 6, ? (Leto).

Butterfly.—The male on the upper side is

marked much as *A. nokomis*, but the ground-color is duller red, and the basal area is much darker. The under side of the fore wings is pale fulvous, upon which the markings of the upper side reappear; but there are no marginal silver crescents. Both wings on the under side are shaded with brown toward the base; the hind wings are traversed by a submarginal band of light straw-yellow. The female is marked as the male, but the ground-color is pale straw-yellow, and all the darker markings are deep blackish-brown, those